





11/20/01

| ISSUE CLASSIFICATION |          |  |
|----------------------|----------|--|
| Class                | Subclass |  |
|                      |          |  |

PATENT NUMBER

U.S. **UTILITY** Patent Application

|  |  |
|--|--|
| <br>O.I.P.E.  | PATENT DATE  |
| SCANNED  O.A.  |  |

|                              |            |              |          |                  |                                      |
|------------------------------|------------|--------------|----------|------------------|--------------------------------------|
| APPLICATION NO.<br>09/989666 | CONT/PRIOR | CLASS<br>257 | SUBCLASS | ART UNIT<br>2811 | EXAMINER<br>H. Vm<br><u>2-1-1998</u> |
|------------------------------|------------|--------------|----------|------------------|--------------------------------------|

## APPLICANTS

Glenn Daves  
Jason Frankel  
William Shutler  
Anthony Sigler

### III

# Structure and method for wiring translation between grids with non-integral pitch ratios in chip carrier modules

PTO-2040  
12/99

BEST AVAILABLE COPY

| ISSUING CLASSIFICATION       |  |          |  |                    |                                   |  |  |  |  |  |  |
|------------------------------|--|----------|--|--------------------|-----------------------------------|--|--|--|--|--|--|
| ORIGINAL                     |  |          |  | CROSS REFERENCE(S) |                                   |  |  |  |  |  |  |
| CLASS                        |  | SUBCLASS |  | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |

☐ Continued on Issue Slip inside File Jacket

|   |  |            |           |  |                      |
|---|--|------------|-----------|--|----------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | <b>DRAWINGS</b>                              |            |           | <b>CLAIMS ALLOWED</b>                                |                      |
|   | Sheets Drwg                                  | Figs. Drwg | Print Fig | Total Claims   | Print Claim for O.G. |
| <input checked="" type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.   | _____<br>(Assistant Examiner) (Date)         |            |           | <b>NOTICE OF ALLOWANCE MAILED</b><br>_____<br>_____  |                      |
| <input checked="" type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____   | _____<br>(Primary Examiner) (Date)           |            |           | <b>ISSUE FEE</b><br>Amount Due _____ Date Paid _____ |                      |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.   | _____<br>(Legal Instruments Examiner) (Date) |            |           | <b>ISSUE BATCH NUMBER</b><br>_____                   |                      |
| <b>WARNING:</b><br>The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |  |            |           |  |                      |

Form PTO-438A  
(Rev. 6/88)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)